Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-6.   (Canceled)

7.   (Currently Amended) An artificial vision system comprising:

an external device adapted to be disposed outside a body of a patient, the external device including:

an image pickup device configured to capture an image in front of the patient; and

an image processing device configured to generate a signal for stimulation pulse by processing the image captured by the image pickup device; and

an internal device adapted to be implanted in the body, the internal device including:

a receiving device configured to receive the signal for stimulation pulse and configured to convert the signal for stimulation pulse into an electrical stimulation pulse signal;

a plurality of electrodes each of which is configured to output the electrical stimulation pulse signal, has a needle-shaped end and is adapted to be implanted in the eye so as to stick in a bundle of nerve fibers of an optic papilla of the eye, the electrodes being separately placed so that each electrode individually sticks in the optic papilla, stick in an optic papilla of an eye before a bundle of nerve fibers exit the eye to form an optic nerve, each electrode having a predetermined length for placing its end in an optic the optic nerve of the eye when the electrode is stuck in the optic papilla; and

a plurality of signal wires which individually connects each electrode and the receiving device, the signal wires each being covered with an insulating material with

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high biocompatibility and having a length enough to reach each electrode stuck in the optic

papilla from outside to inside of the eye; and

a tube configured to bundle the plurality of signal wires together into

one,

wherein the ~~electrodes~~ electrodes, after being stuck in the optic ~~papilla~~ papilla,

outputs the electric stimulation pulse signal based on the signal for stimulation pulse which is

generated based on the image captured by the image pickup device to stimulate the optic

nerve, thereby enabling the patient to recognize the image captured by the image pickup

device.

8-12.   (Canceled).